

Drawings:

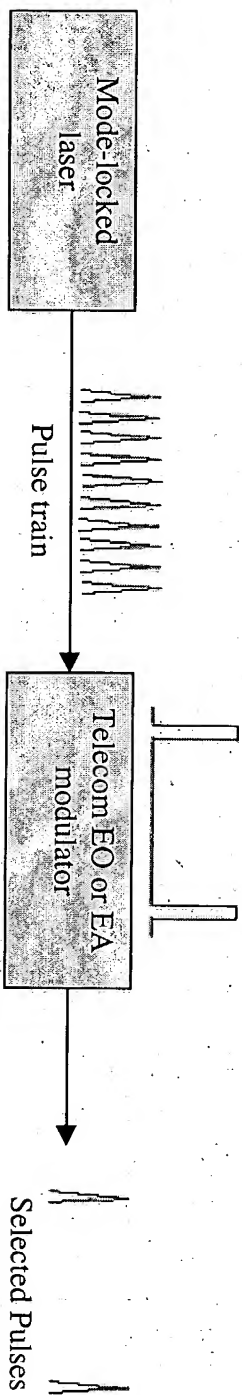


Fig. 1

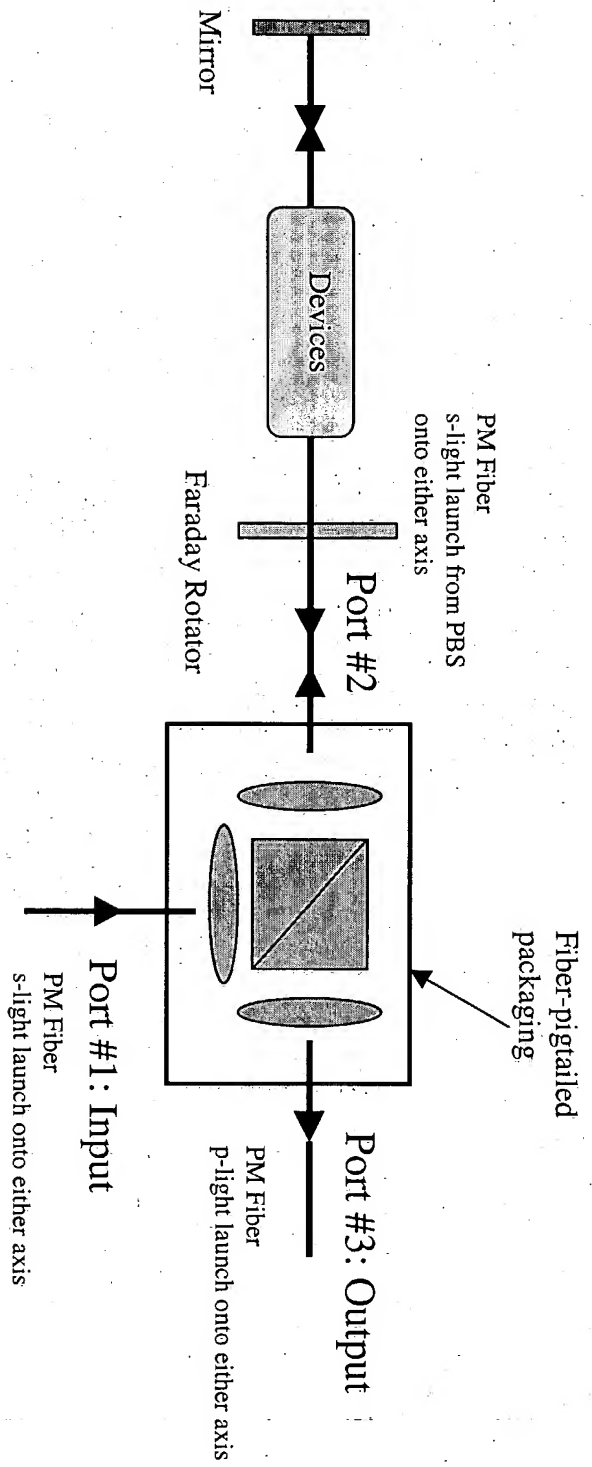


Fig. 2a: Beam Router A

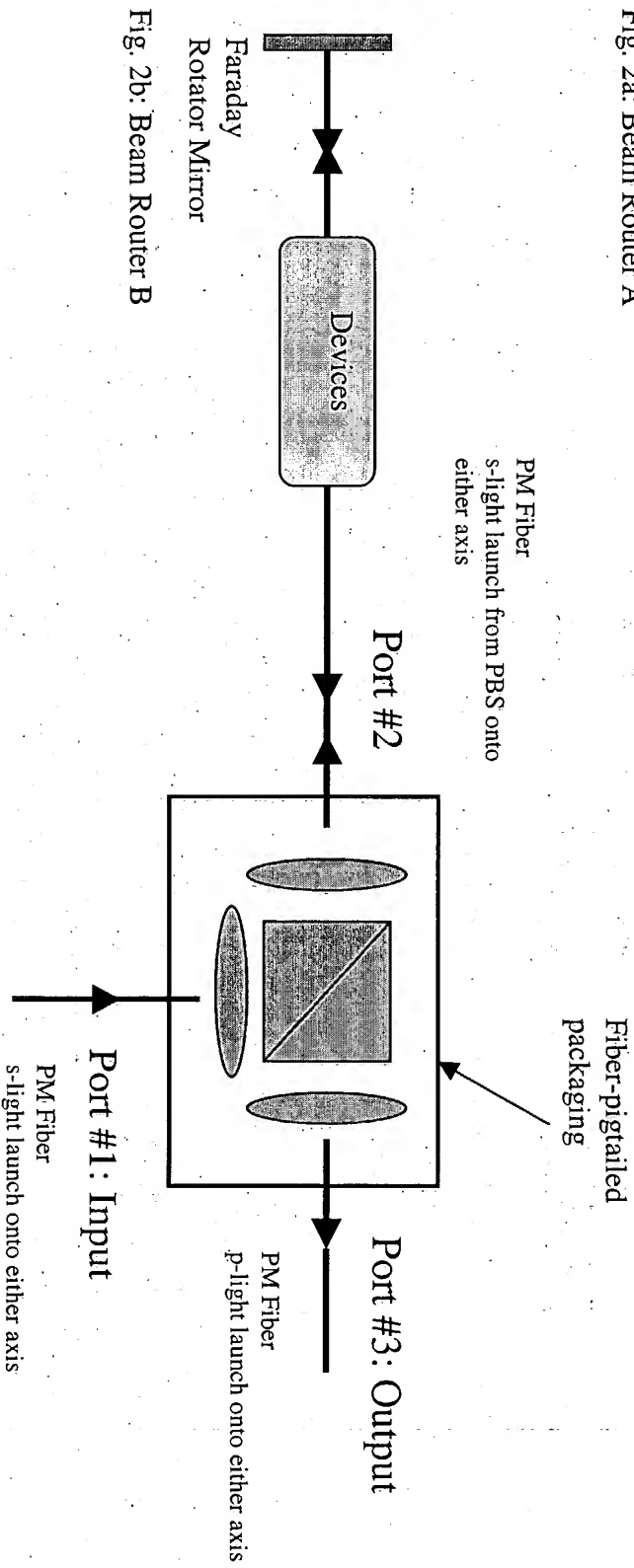


Fig. 2b: Beam Router B

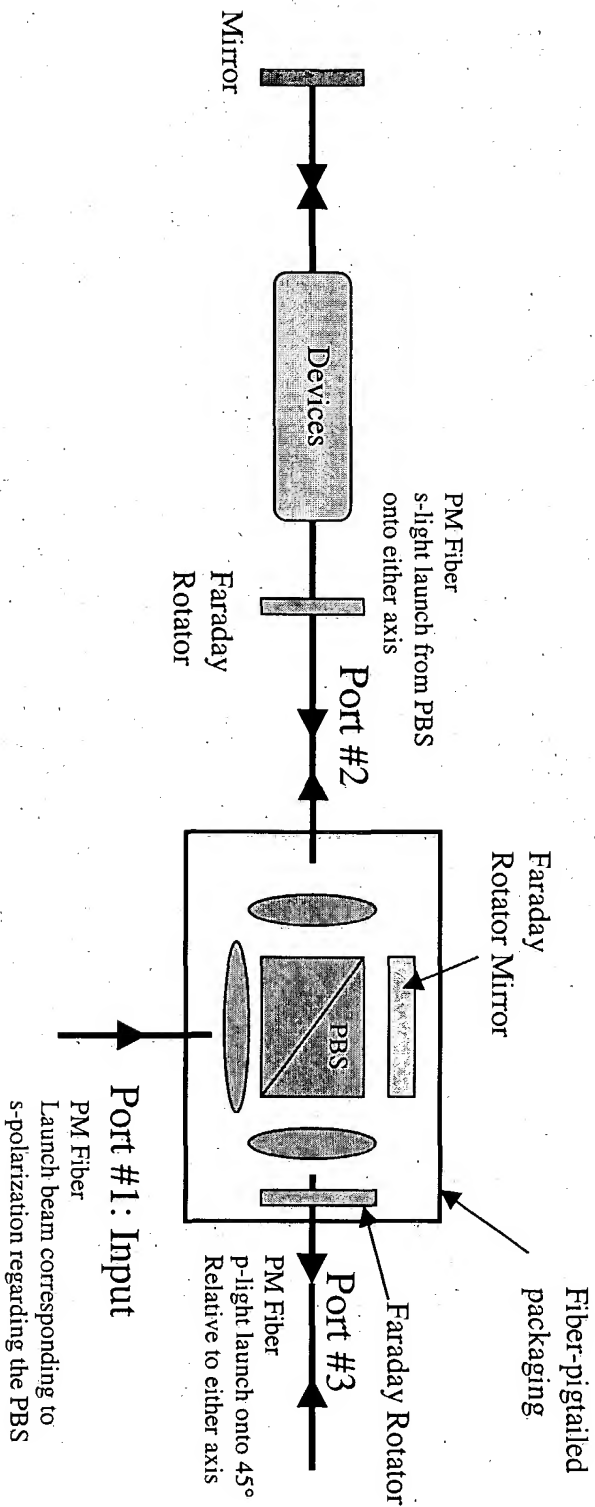


Fig. 3a: PM circulator A

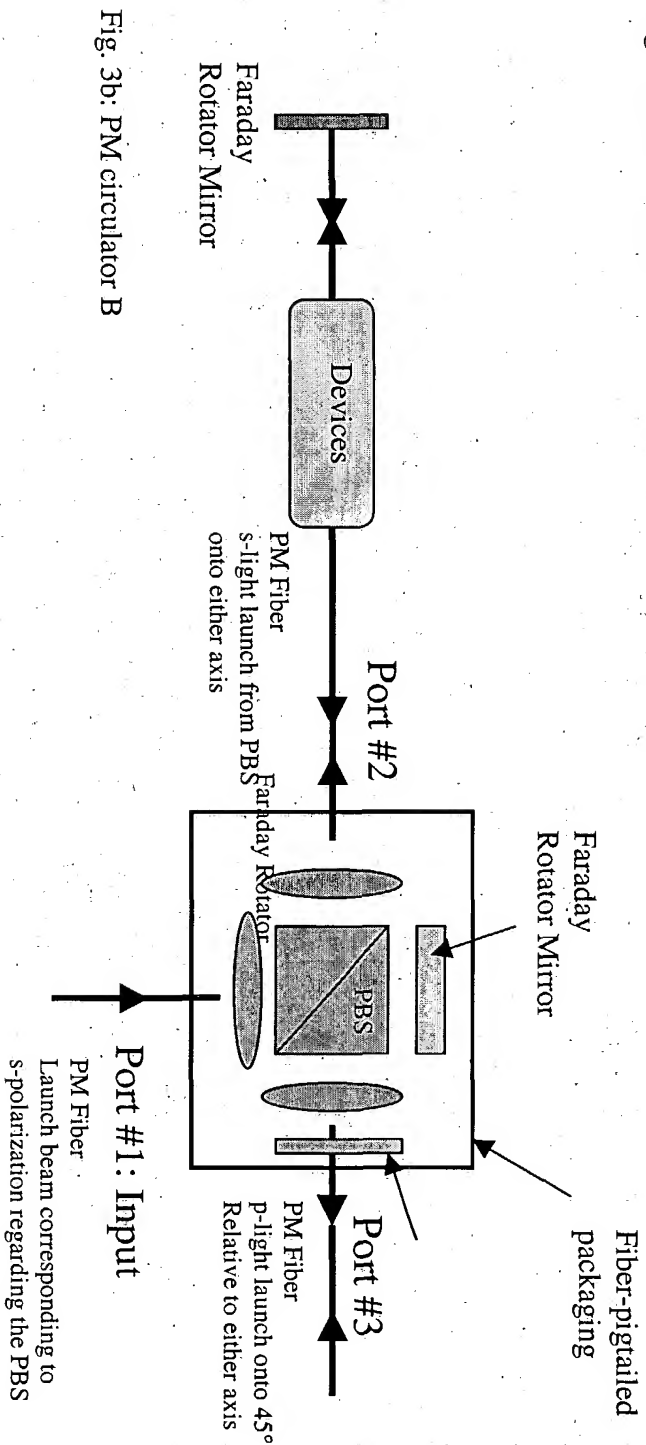


Fig. 3b: PM circulator B

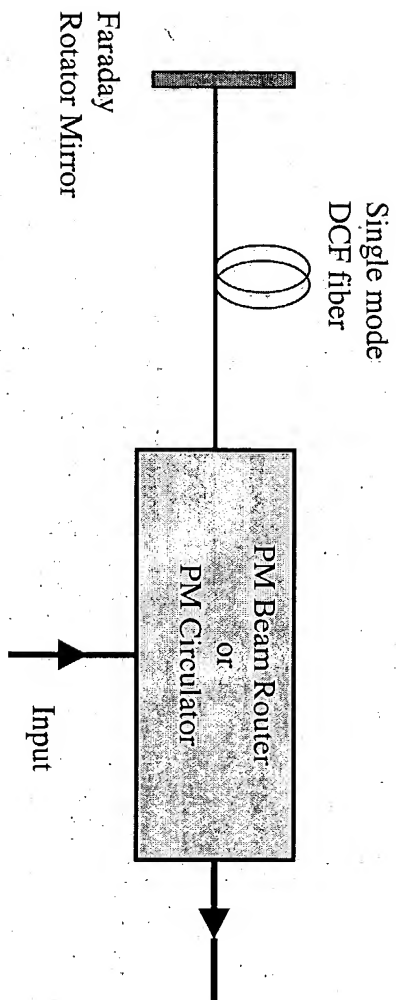


Fig. 4a: PM stretcher from non-PM fiber

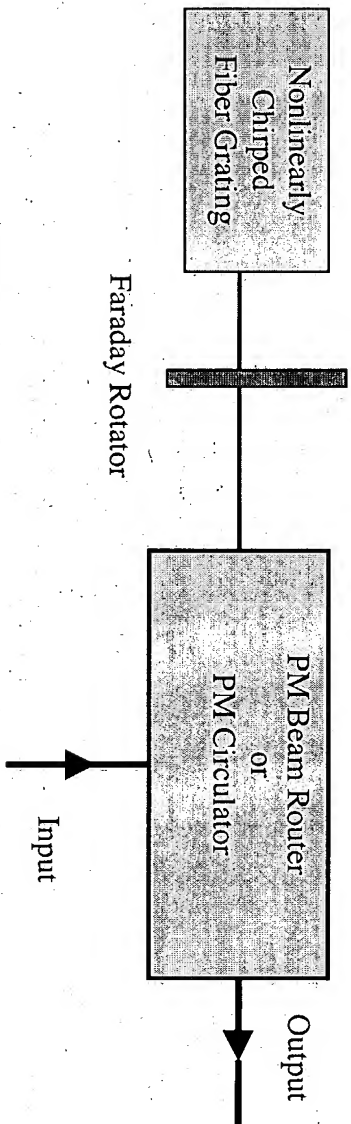
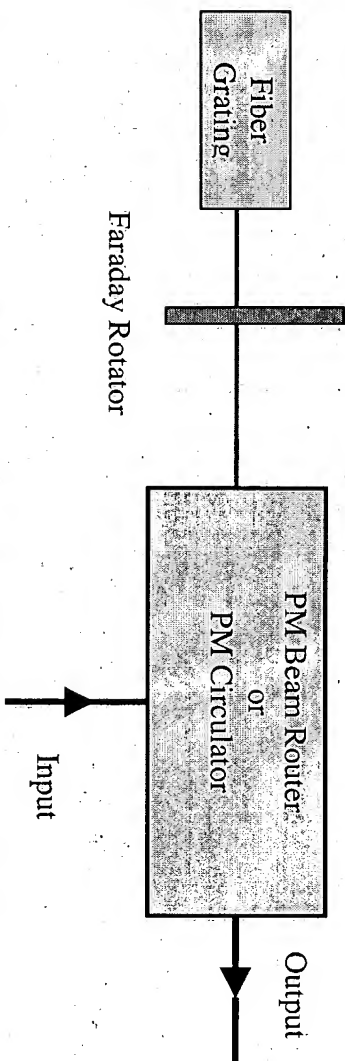


Fig. 4b: PM Stretcher from non-PM fiber grating

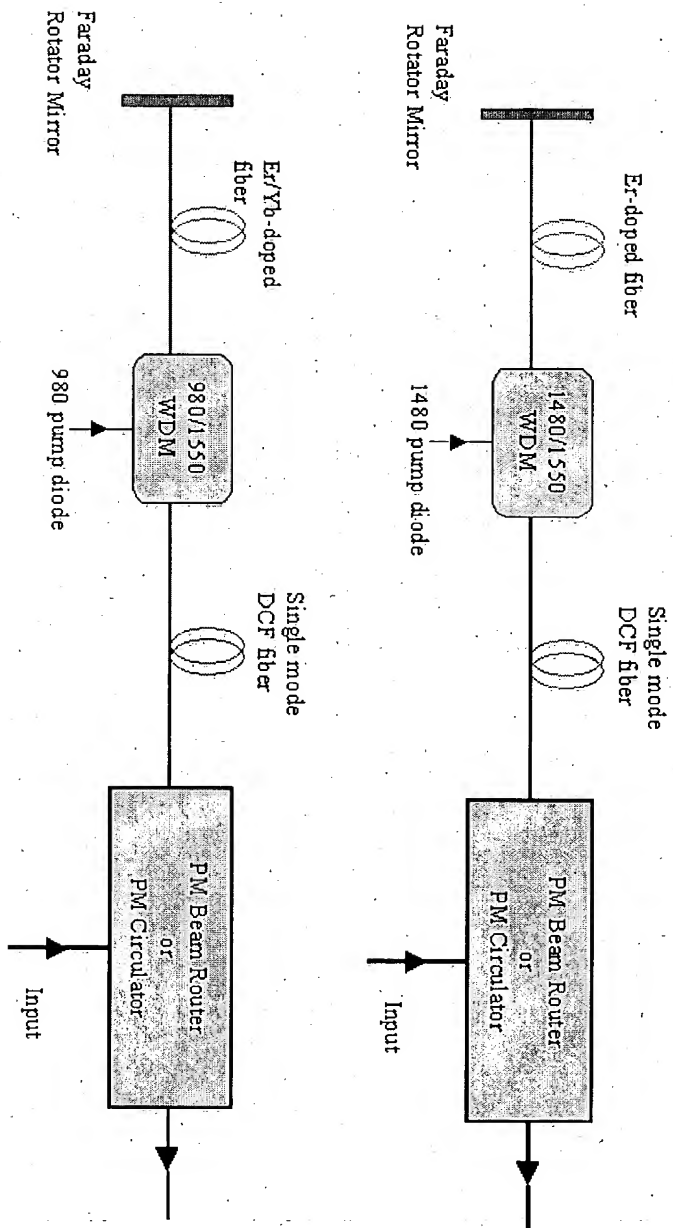


Fig. 5: Stretcher and Pre-Amp together

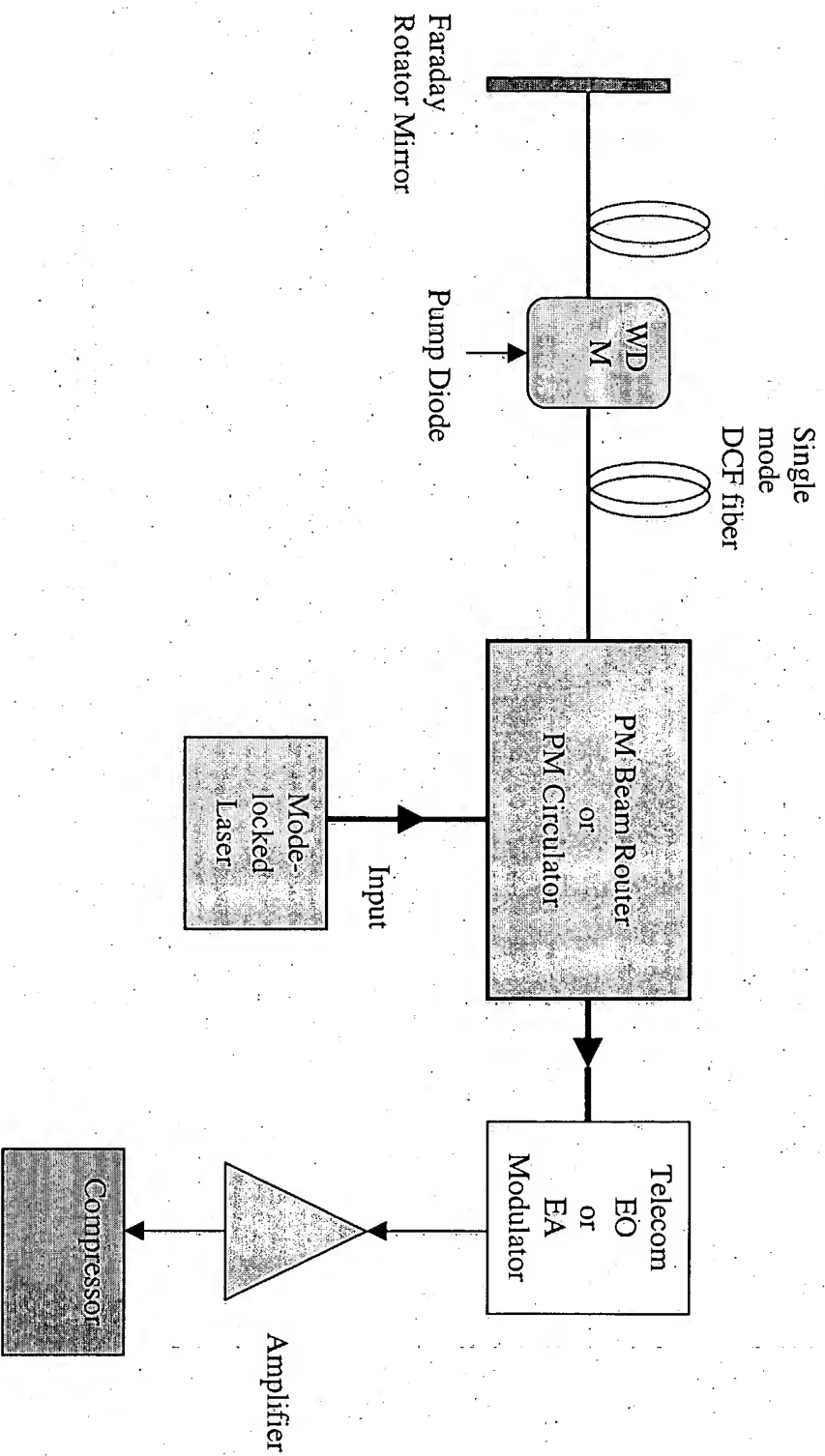


Fig. 6 Chirped Pulse Amplifier System #1

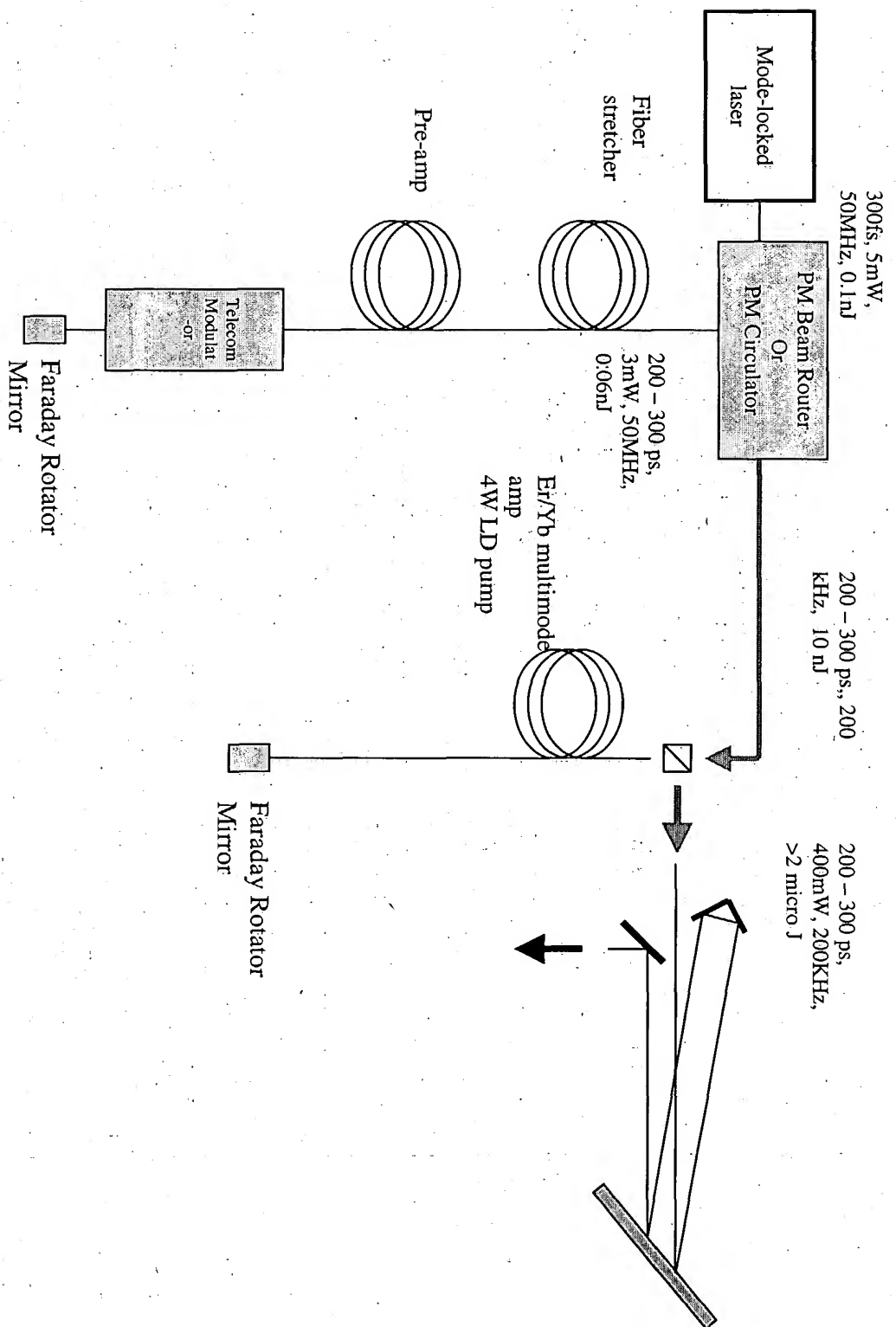


Fig. 7: Chirped pulse amplifier system #2: Modulator can be added into the double pass if it is polarization-insensitive.

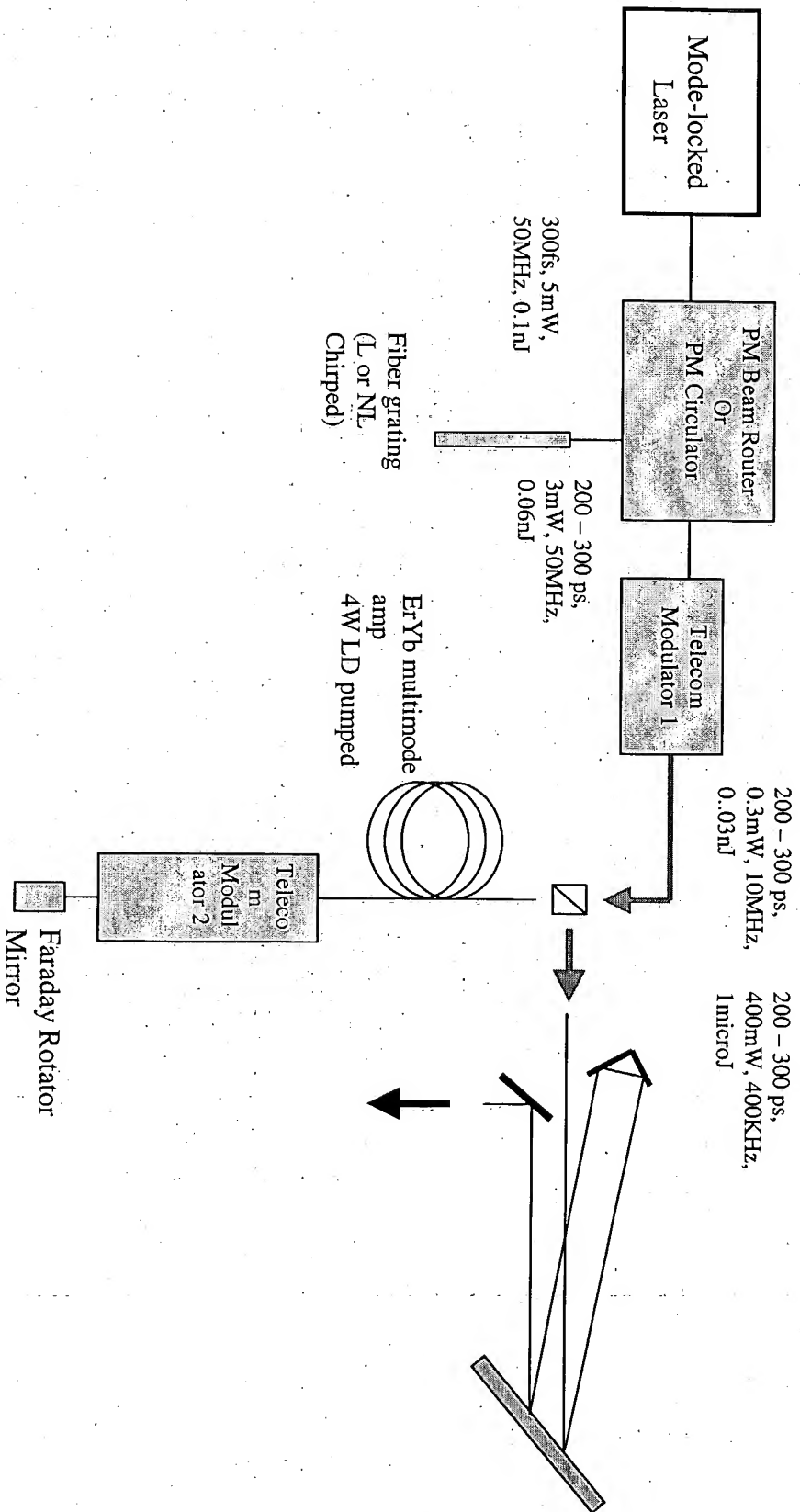


Fig. 8: Chirped Pulse Amplifier System #3: Double modulator for double pulse selector

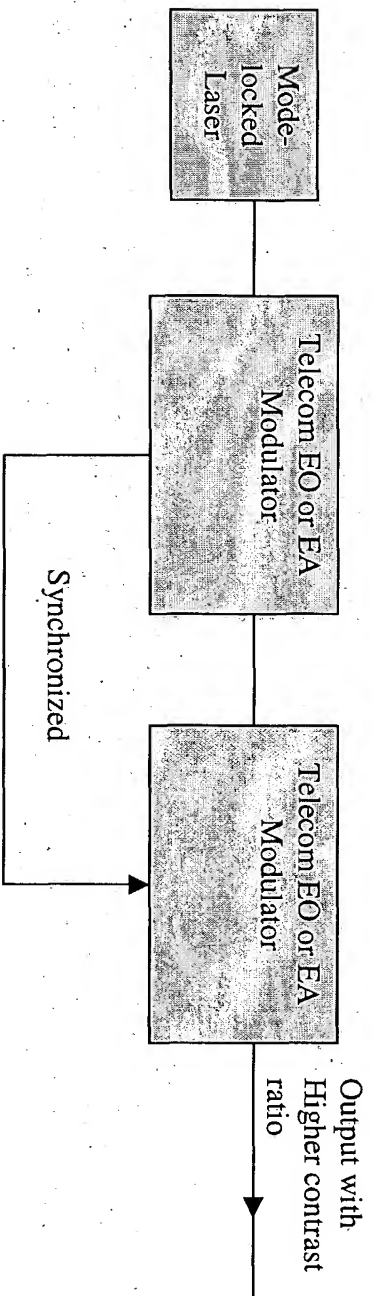


Fig. 9: Cascaded modulator for high contrast ratio output

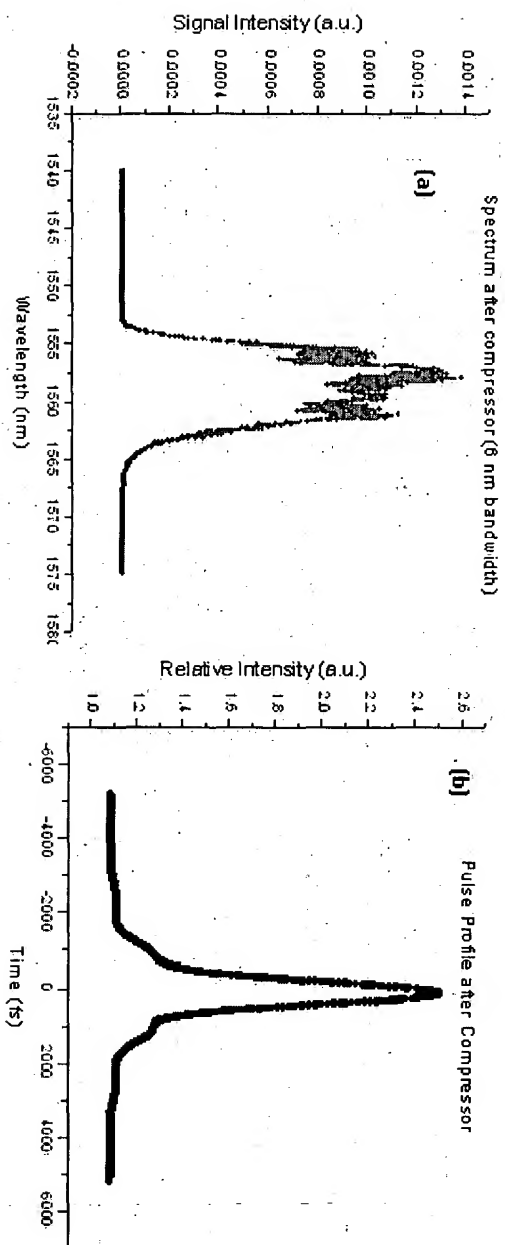


Fig. 10: Spectrum and pulse profile after compressor